

Product datasheet

Anti-GDF10 antibody ab235005

1 References 3 Images

Overview

Product name	Anti-GDF10 antibody
Description	Rabbit polyclonal to GDF10
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat, Human Predicted to work with: Mouse, Cow 
Immunogen	Recombinant fragment corresponding to Human GDF10 aa 369-478. Sequence: QWDEPRVCSRRYLKVDFAIDIGWNEWIISPKSFDAYYC AGACEFPMPKIVR PSNHATIQSMRAVGIIIPGIPEPCCVPDKMNSLGVLFLLD ENRNVLKVYP NMSVDTCACR Database link: P55107  Run BLAST with  Run BLAST with
Positive control	WB: Rat brain tissue lysate. IHC-P: Human prostate and testis tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.03% Proclin Constituents: PBS, 50% Glycerol
Purity	Protein G purified
Purification notes	Purity >95%
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab235005** in the following tested applications.

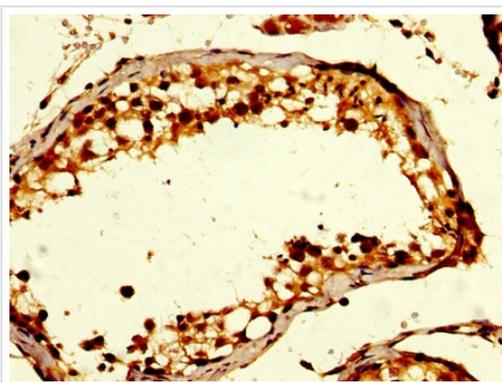
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/5000. Predicted molecular weight: 53 kDa.
IHC-P		1/20 - 1/200.

Target

Tissue specificity	Expressed in femur, brain, lung, skeletal muscle, pancreas and testis.
Sequence similarities	Belongs to the TGF-beta family.
Cellular localization	Secreted.

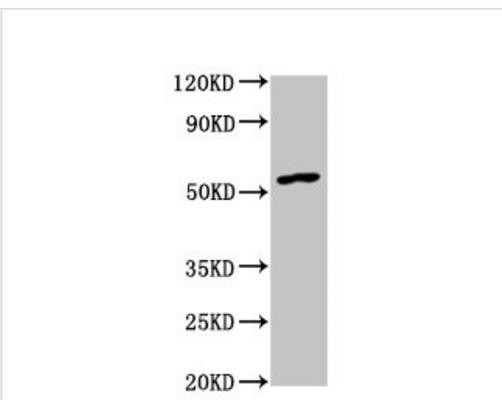
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GDF10 antibody (ab235005)

Paraffin-embedded human testis tissue stained for GDF10 using ab235005 at 1/200 dilution in immunohistochemical analysis.

After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized tissue using an HRP conjugated SP system.



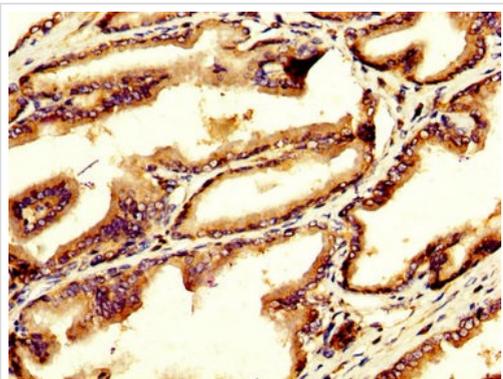
Western blot - Anti-GDF10 antibody (ab235005)

Anti-GDF10 antibody (ab235005) at 1/500 dilution + Rat brain tissue lysate.

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 53 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GDF10 antibody (ab235005)

Paraffin-embedded human prostate tissue stained for GDF10 using ab235005 at 1/200 dilution in immunohistochemical analysis.

After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized tissue using an HRP conjugated SP system.

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